

**Abstract**

Compositions and methods for the therapy and diagnosis of cancer, particularly lung, colon, colorectal and breast cancer, are disclosed. Illustrative compositions comprise one or more Cripto tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung, colon, colorectal and breast cancer.